

4.00 credits

30.0 h + 20.0 h

Q2

Teacher(s)	Clotman Frédéric ;Gofflot Françoise ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	It is advisable to have a good prior knowledge of the topics covered by the courses LBIO1234; LBIO1235; LBIO1236.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> • understand and describe the fundamental processes underlying the development of the mammalian central nervous system ; • identify and describe the molecular actors involved and their signalling pathways • demonstrate an understanding of the general principles of complex brain functions studied in the course ; • understand and describe the characteristics and molecular mechanisms involved in the different pathologies studied; • understand, describe and discuss the neurodegenerative mechanisms and regenerative processes of the adult mammalian nervous system. • analyse and comment on an article from the recent scientific literature related to the topics covered during the ex cathedra course, seminars and reverse classes.
Bibliography	<p>Ouvrages de référence :</p> <ol style="list-style-type: none"> 1. Neurosciences (Purves <i>et al.</i>, éditions de Boeck). 2. Psychobiologie (Breedlove <i>et al.</i>, éditions de Boeck) <p>Articles de la littérature récente</p>
Faculty or entity in charge	BIOL

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Additional module in Biology	APPBIOL	4		